

COURSE GUIDE

CPC50220 Diploma of Building and Construction (Building)



ABOUT US

Builders Institute (RTO #45904) is a nationally recognised training organisation by the Australian Skills Quality Authority.

Builders Institute provide industry-leading, accessible, and affordable construction courses, our experienced team ensures that learners have the skills to succeed in the ever-evolving construction industry. We offer flexible delivery options: online, in-person (blended learning), plus top-tier learning resources and ongoing support, mentoring, and industry connections to help you achieve your goals.

Builders Institute's mission is to deliver high-quality building and construction courses across Australia.

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COURSE OVERVIEW

This qualification reflects the role of building professionals who apply knowledge of structural principles, risk and financial management, estimating, preparing and administering building and construction contracts, selecting contractors, overseeing the work and its quality and managing construction work in building projects, including residential and commercial with the following limitations:

- Residential construction limited to National Construction Code Class 1 and 10 buildings to a maximum of 3 storeys.
- Commercial construction limited to National Construction Code Class 2 to 9 buildings, Type C and B construction.

COURSE OUTCOME

On successful completion of the selected 24 core and 3 elective units, learners will be able to:

- Read and interpret building plans, specifications, sketches and drawings
- Understand building legislation, codes and structural principles
- Apply building codes and standards to residential construction upto maximum of 3 storeys
- Apply building codes and standards to commercial construction, Type C and B construction
- Identify and prepare estimated cost for building and construction projects
- Select, prepare estimating, scheduling, tenders,
- Select, prepare construction contracts and finances
- Communication with Sub-Contractor and project administration
- Site supervision, quality, safety, environmental practices and risk
- Apply site Survey, and set-out procedures to construction work
- Stakeholder engagement and professional reporting
- Identify, assess, manage and mitigate building and construction project risks
- Lead work health and safety risk-management processes
- Manage project quality to meet contractual, regulatory and organisational requirements

CAREER OPPORTUNITIES

- Builder
- Building Inspector
- Site Manager/Supervisor
- General Foreperson
- Construction Manager/Supervisor
- Trade contractor

WHO SHOULD ATTEND?

This course is designed for individuals who keen:

- Learners who have completed the Certificate IV in Building and Construction (Building)
- Learners are a tradesperson who wants to become a registered builders
- Learners are currently working in the industry who wish to enter into managerial roles for major domestic and commercial builders
- Learners are owner builders, investors & developers who are looking to gain sufficient knowledge and skills to manage their projects
- Building professionals, such as Building Supervisors, Building Managers, Site Supervisors etc...to “Brush Up” on changing regulations, standards and technologies within the building industry
- Learners are looking to develop leadership skills to manage building projects with quality and budgets
- Builders who have let their licenses lapse and wish to re-register with the building practitioners board as a builder and need education/instruction in new/current building regulations, acts, codes, standards, technologies and business processes

ENTRY REQUIREMENTS

- a copy of **Photo ID (Driver licence /Passport)**
- **Unique Student Identifier (USI Number)** It is a requirement for every student that is undertaking nationally recognized Vocational Education and Training to have a USI. If you don't have one, it can be created easily using just 1 form of ID (it only takes a few minutes). To create a USI [Click here](#). If you have created one in the past but have misplaced it, you may be able to retrieve it by [Clicking here](#). If you are having any issues please feel free to contact us and we will gladly assist.
- will require sufficient **language, literacy, Numeracy and Digital (LLND)** skills to be able to engage in the assessment and to perform workplace tasks such as calculating materials, interpreting building plans and specifications and recording work outcomes

Minimum criteria for computer and Computer “apps”

- Basic Computer (Microsoft Word, Excel, PowerPoint, Adobe Acrobat Reader DC)

RECOGNITION OF PRIOR LEARNING (RPL) &/OR CREDIT TRANSFER

If you have completed prior trainings you may be eligible for RPL or a Credit Transfer. To ensure you fulfil the required criteria contact student support for more information on 1300 119 571

COURSE DELIVERY



COURSE DURATION

69 weeks

STUDY LOAD

Apx up to 18 Hours per week



BLENDED LEARNING

- Virtual classroom
- Face-to-Face(F2F)
- Self-paced learning
- Hands on projects
- On the job practical



TUTORIAL SCHEDULE

Course lessons are conducted via our Virtual Classroom on **weekday evenings (5 PM to 9 PM)**

COURSE FEES



EXPRESS

\$1,497 (admin & resources)

PLUS +

\$2,500 monthly x 2 months

Total \$6,497

(Save \$1,000)



BY INSTALMENTS

\$1,497 (admin & resources)

PLUS +

\$1,000 monthly x 6 months

Total \$7,497

UNITS OF COMPETENCY

To successfully achieve the CPC50220 Diploma of Building and Construction (Building), learners must be assessed as competent in twenty-seven (27) units of competency:

#	Unit Code	Unit Title
1	CPCCBC4009	Apply legal requirements to building and construction projects
2	CPCCBC4012	Read and interpret plans and specifications
3	CPCCBC4014	Prepare simple building sketches and drawings
4	CPCCBC4004	Identify and produce estimated costs for building and construction projects
5	CPCCBC4005	Produce labour and material schedules for ordering
6	CPCCBC4003	Select, prepare and administer a construction contract
7	CPCCBC4008	Supervise site communication and administration processes for building and construction projects
8	CPCCBC4018	Apply site surveys and set-out procedures to building and construction projects
9	CPCCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 Buildings
10	CPCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9, Type C Buildings
11	CPCCBC4010*	Apply structural principles to residential and commercial constructions
12	BSBPMG538	Manage project stakeholder engagement
13	BSBOPS504	Manage business risk
14	BSBWHS513	Lead WHS risk management
15	BSBPMG532	Manage project quality
16	CPCCBC5007	Administer the legal obligations of a building and construction contractor
17	CPCCBC4013	Prepare and evaluate tender documentation
18	CPCCBC5005	Select and manage building and construction contractors
19	CPCCBC5002	Monitor costing systems on complex building and construction projects
20	CPCCBC5019	Manage building and construction business finances
21	CPCCBC5003	Supervise the planning of onsite building and construction work
22	CPCCBC5010	Manage construction work
23	CPCCBC5011	Manage environmental management practices and processes in building and construction
24	CPCCBC5001	Apply building codes and standards to the construction process for Type B construction
25	CPCCBC5009	Identify services layout and connection methods for Type C and B construction
26	CPCCBC5013	Manage professional technical and legal reports on building and construction projects
27	CPCCBC5018*	Apply structural principles to the construction of buildings up to three storeys